

SF-845a-CI

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What is claimed is:

1. An olefin block copolymer having a Mw/Mn (Mw: weight average molecular weight, Mn: number average molecular weight) of not more than 1.5, which copolymer
5 comprises:

(i) a polymer block comprising ethylene and an α -olefin of 3 to 20 carbon atoms, having a molar ratio (ethylene/ α -olefin) of ethylene units to α -olefin units of from 20/80 to 65/35, a weight average molecular weight of
10 50,000 to 2,000,000, and having a slope of an intramolecular composition distribution of absolute value of 0.1 to 0, and

(ii) a polymer block comprising ethylene and an α -olefin of 3 to 20 carbon atoms, having a molar ratio (ethylene/ α -olefin) of ethylene units to α -olefin units of
15 from 70/30 to 85/15, a weight average molecular weight of 10,000 to 400,000, and having a slope of an intramolecular composition distribution of absolute value of 0.1 to 0.

2. A viscosity index improver for lubricating oils
20 which improver comprises an olefin block copolymer as claimed in claim 1.

3. A lubricating oil composition comprising a viscosity index improver for lubricating oils as claimed
25 in claim 2.